NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 116641 OLIFF & BERRIDGE, PLC P.O. Box 19928 Date: September 22, 2003 Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787 MAIL STOP PATENT APPLICATION NONPROVISIONAL APPLICATION TRANSMITTAL Customer Number: 25944 **RULE §1.53(b)** Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application For (Title): CONTROL SYSTEM AND METHOD FOR INTERNAL COMBUSTION ENGINE HAVING VARIABLE VALVE ACTUATION SYSTEM Naohide FUWA By (Inventors): \boxtimes Formal drawings (Figs. 1-6; 5 sheets) are attached. Use Figure ____ for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No. filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA. \boxtimes The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application No. 2002-281024 filed September 26, 2002 in Japan is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. \boxtimes The filing fee is calculated below: CLAIMS IN THE APPLICATION AFTER ENTRY OF OTHER THAN A ANY PRELIMINARY AMENDMENT NOTED ABOVE SMALL ENTITY **SMALL ENTITY RATE FEE** <u>OR</u> \$ 750 OR

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	7 - 20	= 0*
INDEP CLAIMS	2 - 3	= 0*
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED		

^{*} If the difference is less than zero, enter "0".

FEE	
\$ 375	
\$	
\$	
\$	

RATE FEE

\$ 750

x 18 \$

x 84 \$

+ 280 \$

TOTAL \$ 759.00

OR

<u>OR</u>

<u>OR</u>

<u>OR</u>

Check No. 146475 in the amount of \$750.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

TOTAL

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC P.O. Box 19928			Attorney Docket No			o.: <u>116641</u>	
Alexandria, Virginia					Date:	Septembe	er 22, 2003
Telephone: (703) 836- Facsimile: (703) 836-2			MAIL ST	TOP PATENT	Γ APPLI	ICATION	
Customer Number: 25944			ONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)				
Commissioner for Pater P.O. Box 1450 Alexandria, VA 22313				4.0 <u>-</u> _ 0	<i>3</i> 5(3)		
Sir:							
Transmitted herewith for	or filing under 37 (C.F.R. §1.53(b) is the n	onprovisional j	patent applicat	tion		
For (Title):		STEM AND METHOD			TION E	NGINE	
	HAVING VARI	ABLE VALVE ACTU	ATION SYSTE	EM	·····		
By (Inventors):	Naohide FUWA						
This application (A Preliminary A This patent appl The execute An Information Entitlement to so A Preliminary A Priority of foreig A certified This application the invention di country, or unde	nd Power of Attornation of Claims benefit of Calaims and Calaims and Calaims of Cala	tent is filed herewith. Is hereby asserted. It herewith. 2002-281024 filed Sept corresponding foreign solished under 35 U.S.C. oplication has not been ternational agreement, the ER ENTRY OF	m in the Specific A KABUSHIKI application(s) in the unit and will not be that requires pull	ication if not a I KAISHA. Description is constant in the subject	claimed (th. torney or t of an a	(35 U.S.C. § r agent here application fonths after	by certifies the filed in anothe filing. THAN A
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE
BASIC FEE				\$ 375	<u>OR</u>		\$ 750
TOTAL CLAIMS	7 - 20	= 0*	x 9=	\$	<u>OR</u>	x 18	\$
INDEP CLAIMS	2 - 3	= 0*	x 42 =	\$	<u>OR</u>	x 84	\$
MULTIPLE DEPI	ENDENT CLAIMS	S PRESENTED	+ 140 =	\$	<u>OR</u>	+ 280	\$
* If the difference is less than zero, enter "0".			TOTAL	\$	<u>OR</u>	TOTAL	\$ 750.00

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ரOLIFF & BERRIDGE, PLC ⊂P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787

Attorney Docket No.: 116641

Date: September 22, 2003

MAIL STOP PATENT APPLICATION

NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)**

Customer Number: 25944

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

 \boxtimes

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

CONTROL SYSTEM AND METHOD FOR INTERNAL COMBUSTION ENGINE

HAVING VARIABLE VALVE ACTUATION SYSTEM

By (Inventors):

Naohide FUWA

J (
\boxtimes	Formal drawings (Figs. 1-6; 5 sheets) are attached.
_	Use Figure for front page of Publication.
\boxtimes	A Declaration and Power of Attorney is filed herewith.
	This application claims benefit of Provisional Application No filed
	(A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
\boxtimes	This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA.
	The executed Assignment is filed herewith.
	An Information Disclosure Statement is filed herewith.
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	A certified copy of the above corresponding foreign application(s) is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that
	the invention disclosed in this application has not been and will not be the subject of an application filed in another
	country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

CLAIMS IN THE APPLICATION AFTER ENTRY OF **ANY PRELIMINARY AMENDMENT NOTED ABOVE**

The filing fee is calculated below:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	7 - 20	= 0*
INDEP CLAIMS	2 - 3	= 0*
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED		

SMALL ENTITY			
RATE	FEE	<u>OR</u>	
	\$ 375	<u>OR</u>	
x 9=	\$	<u>OR</u>	
x 42 =	\$	<u>OR</u>	
+ 140 =	\$	<u>OR</u>	
TOTAL	\$	<u>OR</u>	
iling fee is attached. Except as			

OTHER THAN A **SMALL ENTITY**

	RATE FEE	
		\$ 750
	x 18	\$
	x 84	\$
	+ 280	\$
•	TOTAL	\$ 750.00

* If the difference is less than zero, enter "0". \boxtimes

Check No. 146475 in the amount of \$750.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

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